IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/665,920
Filing Date ..... Sep 20, 2000
Inventorship ..... Haba et al.
Applicant ..... Rambus Inc.
Group Art Unit 2841
Examiner ..... Phan, T.
Attorney's Docket No. RB1-008US
Title: Multi-Channel Memory Architecture

#4/Ext. of Time (2)/Mondf 4
R. Tyson
5/8/02

RESPONSE TO 12/06/01 OFFICE ACTION

To: Commissioner of Patents and Trademarks
Washington, D.C. 20231

From: Daniel L. Hayes (Tel. 509-324-9256; Fax 509-323-8979)
Customer No. 29150

AMENDMENTS

In the Claims

Please cancel claims 9, 10, and 22.

Please replace remaining claim 1-8, 11-21, and 23-30 with the following, in which claims 31-38 are newly submitted (marked-up versions of the amended claims, showing additions and deletions, are included at the end of this document).

1. **(Amended)** An apparatus comprising:

a substrate having first and second opposite edges;

a plurality of memory devices disposed on the substrate;

a plurality of channels extending between the opposite edges, wherein each of the plurality of memory devices is coupled to one of the plurality of channels; and